

THE LOWEST BAROMETRIC MINIMA AT SEA LEVEL.

By WILHELM KREBS, Grossflottbek, Germany.

[Translated for the Monthly Weather Review by C. Abbe, jr.]

In connection with the valuable contribution on the hurricanes of October, 1910, by District Editor von Herrmann in the Monthly Weather Review for October, 1910,

your readers may be interested in the following compilation of the lowest barometric pressures heretofore recorded at or close to sea level:

No.	Place.	Location.	Date.	Pressure.		Authority.
				<i>Inches.</i>	<i>Mm.</i>	
1	Vohemare.....	Coastal lowland of northeastern Madagascar.....	Feb. 3, 1899.....	24.76	628.9	Ann. der Hydrogr. 1899, p. 80.
2	Arethusa, s. s.....	$\phi=13^{\circ} 35' N.$; $\lambda=134^{\circ} 30' E.$	Dec. 16, 1900.....	26.16	664.4	U. S. Pilot Chart, No. Pac., July, 1901.
3	Morne Rouge.....	Coast of Martinique.....	Aug. 18-19, 1891.....	26.85	682.0	Quarterly Jour., v. 18, p. 185.
4	Basilan.....	Frank Helm Bay.....	Sept. 25, 1905.....	26.85	682.0	Bull. Philippine Weather Bureau, Sept., 1905
5	Lalsang, s. s.....	$\phi=26^{\circ} 44' N.$; $\lambda=123^{\circ} 02' E.$	Aug. 2, 1901.....	27.028	686.5	Bull. Philippine Weather Bureau, Aug., 1901.
6	Favorita, s. s.....	Harbor of Apia, Samoa.....	Apr. 6, 1850.....	27.05	687.0	Ann. der Hydrogr. 1893, p. 6.
7	Habana.....	Cuba's coastal lowland.....	Oct. 10-11, 1846.....	27.06	687.3	U. S. Weather Bureau Bull. H, p. 58.
8	False Point.....	Coastal lowland of Orissa.....	Sept. 22, 1885.....	27.08(?)	687.8(?)	Hann, Meteorologie, 1st ed., p. 206.

¹ This minimum appears to correspond to the one erroneously ascribed to Aug. 2, 1891, in Hann, Meteorologie, 2d ed.

The above are the lowest in the barometric minima below 690 mm. I have in my collection. Nos. 1, 3, and 8 are the only ones not completely reduced to standard sea level and gravity, and these on account of lack of data.

It is a striking fact that, excepting Nos. 1 and 2, which are the very lowest, there seem to be two marked steps, viz, at 682 mm. (Nos. 3 and 4) and at 687 mm. (Nos. 5, 6, 7, and 8).